Innovative approaches for estuarine/watershed data analysis, mining, and visualization

Lead Convener:
Qian Zhang, PhD

Co-conveners:
Rebecca R Murphy, PhD , Marcus W Beck and Jeni Keisman, PhD

Estuarine and watershed data sets have become increasingly available, with continuously expanding temporal and spatial coverages. Innovative approaches are required for data integration, analysis, mining, and visualization to generate plausible hypotheses and conduct analyses investigating underlying shifts in ecosystem functioning.

This session encourages abstracts that feature innovative analytical approaches for understanding ecosystem conditions and changes across a range of time, space, and seasonal scales.

We welcome published or ongoing research contributions on water quality and biological resources in both coastal and inland waters. The session should be of interest to ecologists, biogeochemists, hydrologists, modelers, and resource managers.

Keywords:
Analytical approaches, Data analysis, mining, and visualization, Ecosystem conditions and changes and Estuaries and watersheds